

# Source Water Assessment Report



**Public Water Supply: LACYGNE, CITY OF**

**Assessment Areas Include:  
990**



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Reports were generated with the Automated Source Water Assessment Tool (ASWAT). Assessments were completed online using ASWAT by hundreds of state employees, public water supply staff, and technical assistant providers throughout the State of Kansas.

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# Report Description

## Detailed Explanation of Entire Report:

The 1996 amendments to the Safe Drinking Water Act require each state to develop a Source Water Assessment Program (SWAP) and a Source Water Assessment (SWA) for each Public Water Supply (PWS) that treats and distributes raw source water. In Kansas there are 761 public water supplies that require SWAs. A SWA includes a delineation of the source water assessment area, an inventory of potential contaminant sources, and a susceptibility analysis.

A PWS can consist of one or more individual assessment areas that require different assessments. In general, an assessment area is delineated at a two-mile fixed radius for a groundwater well. A surface water intake assessment area is the upstream-drainage area (watershed), inside the state border. Additionally, an assessment area can consist of an individual well, group of wells, an individual surface water intake, or multiple surface water intakes.

After each assessment is completed a report is automatically generated using an Internet-based application called the Automated Source Water Assessment Tool (ASWAT). The individual assessment reports combine to form the entire SWA report for a PWS.

A map of each Assessment Area was also generated with ASWAT. However, for security reasons the maps are not included in this report. To obtain a copy of the map(s), please contact your local PWS.

All PWS reports will be available for viewing and downloading on KDHE's Watershed Management Section website(<http://www.kdhe.state.ks.us/nps>) in 2004.

## LACYGNE, CITY OF Summary:

AA	Type	Diversion Id
990	Surface water single intake	999

Public Water Supply: **LACYGNE, CITY OF**  
Assessment Area: **990**  
Diversion Id's: **999**  
Status: **Accepted**  
Submit Date: **2003-01-03 14:44:43**

## **Executive Summary:**

The Executive Summary gives the assessment area's Susceptibility Likelihood Score (SLS) for each contaminant of concern category.

SLS indicates which contaminant category is most likely to impact a given public water supply. Contaminants of concern for groundwater include microbiological, inorganic compounds, nitrates, synthetic organic compounds, pesticides, and volatile organic compounds. Contaminants of concern for surface water include microbiological, inorganic compounds, eutrophication – phosphorus, sedimentation, synthetic organic compounds, pesticides, and volatile organic compounds.

To determine the assessment area's susceptibility to contamination, a qualitative (semi-quantitative) screening level susceptibility analysis was designed that utilizes general assumptions and best professional judgement. It is a systematic procedure comprised of simple yes/no questions. Each question in the susceptibility analysis focuses on the presence or absence of potential pollution sources in the assessment area. SLS is most useful in helping the Public Water Supply (PWS) focus on water quality protection actions towards a contaminant category of concern. For example, if the SLS for microbiological contamination is high, relative to volatile organic compounds (VOC), water supply protection planners would conclude that the attention should be directed towards microbiological contaminant sources rather than VOC sources.

# Executive Summary

Public Water Supply: **LACYGNE, CITY OF**  
Assessment Area: **990**

## Susceptibility Likelihood Scores for Assessment Area

	<b>A</b>	<b>B</b>	<b>B1</b>	<b>B2</b>	<b>C</b>	<b>C*</b>	<b>D</b>
Susceptibility Likelihood Score – SLS	<b>91</b>	<b>97</b>	<b>96</b>	<b>96</b>	<b>100</b>	<b>93</b>	<b>101</b>
SLS Range	<b>High</b>	<b>High</b>	<b>High</b>	<b>High</b>	<b>High</b>	<b>High</b>	<b>High</b>

**A** – Microbiological

**B2** – Sedimentation

**C\*** – Pesticides

**B** – Inorganic Compounds

**C** – Synthetic Organic Compounds

**D** – Volatile Organic Compounds

**B1** – Eutrophication – Phosphorous

## Susceptibility Likelihood Range

SLS Range	
<b>0–50</b>	<b>Low Susceptibility</b>
<b>51–80</b>	<b>Moderate Susceptibility</b>
<b>81–100</b>	<b>High Susceptibility</b>

Public Water Supply: **LACYGNE, CITY OF**  
Assessment Area: **990**  
Diversion Id's: **999**  
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## Potential Sources:

The Potential Sources section lists all the sites that have been identified as potential sources of contamination.

Potential sources of contamination may include land uses, industry, or businesses that could generate or store chemicals/substances that could potentially contaminate the water supply only if released into the environment. Both unregulated sites from business location databases and regulated sites from various KDHE databases were compiled. Additional sites could have been added by an evaluator through the assessment process to supplement the original data.

The 1987 Standard Industrial Classifications (SIC) were used to identify potential contaminate sites. The SIC system classifies establishments into industries on the basis of the primary activities of the establishment.

Each assessment area is delineated with 3 assessment zones. These zones can be used to get a general understanding of the potential influence sites have based on proximity to the water supply. Zone A is a 100-foot radius around a groundwater well and a 1000-foot radius around a surface water intake. Zone B is a 2000-foot radius around wells and a hydrological delineated buffer around the surface water sources. Zone C is a 2-mile radius around wells and the balance of the watershed for intakes. The potential sources listed in this section are sorted to show all the potential sources in Zone A first, Zone B second, and Zone C third.

**Although a facility or business is identified in the study as a potential concern, it does not necessarily mean a release or spill has occurred. Contamination could only occur if certain chemical substances are released into the environment and filter into the water supply source.**

The data for the potential sources of contamination was compiled from May through August in 2002. Some of the databases used were incomplete datasets that are continually being updated. Due to the incompleteness, inaccuracies, and new development, it is possible that sources of potential contamination that are in the assessment area are not included in the report. Inaccurate locations could also cause sources to show up in the assessment area that are not actually in the assessment. Additionally, duplication between the datasets could cause sites to show up multiple times in the assessment area.

# Potential Sources

Public Water Supply: LACYGNE, CITY OF  
Assessment Area: 990

## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
107306	Deciduous Tree Fruit Orchard	175	B
113789	Deciduous Tree Fruit Orchard	175	B
113790	General Farm, Primarily Crop	191	B
113740	Cattle Farm	211	B
113739	Dairy Farms	241	B
100780	Veterinary Services, Specialties	742	B
100784	Veterinary Services, Specialties	742	B
101364	Veterinary Services, Specialties	742	B
110789	Veterinary Services, Specialties	742	B
110919	Veterinary Services, Specialties	742	B
111777	Veterinary Services, Specialties	742	B
111778	Veterinary Services, Specialties	742	B
111942	Veterinary Services, Specialties	742	B
113635	Veterinary Services, Specialties	742	B
142200	Veterinary Services, Specialties	742	B
160257	Veterinary Services, Specialties	742	B
100769	Animal Specialty Services	752	B
100795	Animal Specialty Services	752	B

## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
111668	Animal Specialty Services	752	B
111855	Animal Specialty Services	752	B
112376	Animal Specialty Services	752	B
112768	Animal Specialty Services	752	B
110776	Oil and Gas Field services	1389	B
100631	Single-family Housing Construction	1521	B
102361	Single-family Housing Construction	1521	B
107309	Single-family Housing Construction	1521	B
110834	Single-family Housing Construction	1521	B
111139	Single-family Housing Construction	1521	B
111140	Single-family Housing Construction	1521	B
111716	Single-family Housing Construction	1521	B
111789	Single-family Housing Construction	1521	B
111848	Single-family Housing Construction	1521	B
111856	Single-family Housing Construction	1521	B
111944	Single-family Housing Construction	1521	B
111945	Single-family Housing Construction	1521	B
112114	Single-family Housing Construction	1521	B
112312	Single-family Housing Construction	1521	B
112767	Single-family Housing Construction	1521	B
113735	Single-family Housing Construction	1521	B
141636	Single-family Housing Construction	1521	B
111946	Nonresidential Construction	1542	B



## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
112307	Nonresidential Construction	1542	B
113684	Nonresidential Construction	1542	B
113771	Nonresidential Construction	1542	B
160268	Nonresidential Construction	1542	B
100750	Highway and Street Construction	1611	B
110744	Highway and Street Construction	1611	B
111947	Highway and Street Construction	1611	B
111948	Highway and Street Construction	1611	B
112174	Wood Kitchen Cabinets Manufacturing	2434	B
100696	Newspapers Publishing and Printing	2711	B
110907	Newspapers Publishing and Printing	2711	B
110908	Newspapers Publishing and Printing	2711	B
110936	Newspapers Publishing and Printing	2711	B
111309	Newspapers Publishing and Printing	2711	B
111495	Newspapers Publishing and Printing	2711	B
111526	Newspapers Publishing and Printing	2711	B
111771	Newspapers Publishing and Printing	2711	B
112230	Newspapers Publishing and Printing	2711	B
113689	Newspapers Publishing and Printing	2711	B
160274	Newspapers Publishing and Printing	2711	B
100774	Commercial Printing–Lithographic	2752	B
111271	Commercial Printing–Lithographic	2752	B
111673	Commercial Printing–Lithographic	2752	B

## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
111407	Commercial Printing NEC	2759	B
111496	Commercial Printing NEC	2759	B
112017	Commercial Printing NEC	2759	B
112118	Commercial Printing NEC	2759	B
112165	Commercial Printing NEC	2759	B
111297	Nitrogen Fertilizer Manufacturing	2873	B
102407	Metal Coating and Allied Services Manufacturing	3479	B
112682	Farm Machinery and Equipment	3523	B
160288	Farm Machinery and Equipment	3523	B
112011	Machinery, Except Electrical Manufacturing	3599	B
112167	Machinery, Except Electrical Manufacturing	3599	B
111527	Signs and Advertising Display Manufacturing	3993	B
112196	Signs and Advertising Display Manufacturing	3993	B
141615	Signs and Advertising Display Manufacturing	3993	B
141616	Signs and Advertising Display Manufacturing	3993	B
111773	Local Trucking, without Storage	4212	B

## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
111894	Local Trucking, without Storage	4212	B
113742	Local Trucking, without Storage	4212	B
100712	Farm Product Warehousing and Storage	4221	B
112101	Farm Product Warehousing and Storage	4221	B
112743	Farm Product Warehousing and Storage	4221	B
113726	Farm Product Warehousing and Storage	4221	B
141617	Farm Product Warehousing and Storage	4221	B
110891	Sewerage Systems	4952	B
111150	Refuse Systems	4953	B
111288	Refuse Systems	4953	B
112367	Refuse Systems	4953	B
112658	Refuse Systems	4953	B
100737	Farm and Garden Machinery	5083	B
102408	Farm and Garden Machinery	5083	B
111151	Farm and Garden Machinery	5083	B
111298	Farm and Garden Machinery	5083	B
110828	Gasoline Service Station	5541	B
111138	Gasoline Service Station	5541	B
111157	Gasoline Service Station	5541	B
111263	Gasoline Service Station	5541	B
112015	Gasoline Service Station	5541	B
112032	Gasoline Service Station	5541	B
141619	Gasoline Service Station	5541	B

## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
111763	Recreational vehicle sales and repair	5561	B
111720	Mobile Home Park	6515	B
111963	Mobile Home Park	6515	B
112163	Mobile Home Park	6515	B
111849	Sporting and Recreational Camps	7032	B
111964	Sporting and Recreational Camps	7032	B
113773	Sporting and Recreational Camps	7032	B
111168	Recreational Vehicle Parks and Campsites	7033	B
100751	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	B
102368	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	B
110918	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	B
110953	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	B
111265	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	B
111281	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	B
111308	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	B

## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
111692	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	B
111847	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	B
111971	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	B
100694	Auto Truck Repair Service	7538	B
100705	Auto Truck Repair Service	7538	B
100748	Auto Truck Repair Service	7538	B
102414	Auto Truck Repair Service	7538	B
102415	Auto Truck Repair Service	7538	B
102424	Auto Truck Repair Service	7538	B
110948	Auto Truck Repair Service	7538	B
111178	Auto Truck Repair Service	7538	B
111250	Auto Truck Repair Service	7538	B
111256	Auto Truck Repair Service	7538	B
111276	Auto Truck Repair Service	7538	B
111363	Auto Truck Repair Service	7538	B
111365	Auto Truck Repair Service	7538	B
111515	Auto Truck Repair Service	7538	B
111677	Auto Truck Repair Service	7538	B
111767	Auto Truck Repair Service	7538	B
111999	Auto Truck Repair Service	7538	B

## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
112263	Auto Truck Repair Service	7538	B
113685	Auto Truck Repair Service	7538	B
113732	Auto Truck Repair Service	7538	B
110887	Car Wash	7542	B
111228	Car Wash	7542	B
111678	Car Wash	7542	B
111982	Car Wash	7542	B
111220	Repair Services, Nec	7699	B
111275	Repair Services, Nec	7699	B
111972	Repair Services, Nec	7699	B
111973	Repair Services, Nec	7699	B
111986	Repair Services, Nec	7699	B
111993	Repair Services, Nec	7699	B
112185	Repair Services, Nec	7699	B
138911	Repair Services, Nec	7699	B
100797	Deciduous Tree Fruit Orchard	175	C
100802	General Farm, Primarily Crop	191	C
101338	General Farm, Primarily Crop	191	C
107307	General Farm, Primarily Crop	191	C
111790	General Farm, Primarily Crop	191	C
142152	General Farm, Primarily Crop	191	C
142156	General Farm, Primarily Crop	191	C
159692	General Farm, Primarily Crop	191	C

## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
112696	Cattle Farm	211	C
160265	Cattle Farm	211	C
112656	Cattle Working Area	212	C
111795	Dairy Farms	241	C
100776	Veterinary Services, Specialties	742	C
100815	Veterinary Services, Specialties	742	C
100834	Veterinary Services, Specialties	742	C
102352	Veterinary Services, Specialties	742	C
107383	Veterinary Services, Specialties	742	C
111534	Veterinary Services, Specialties	742	C
111535	Veterinary Services, Specialties	742	C
111536	Veterinary Services, Specialties	742	C
111537	Veterinary Services, Specialties	742	C
112051	Veterinary Services, Specialties	742	C
112052	Veterinary Services, Specialties	742	C
112771	Veterinary Services, Specialties	742	C
138834	Veterinary Services, Specialties	742	C
138835	Veterinary Services, Specialties	742	C
141993	Veterinary Services, Specialties	742	C
141994	Veterinary Services, Specialties	742	C
107395	Animal Specialty Services	752	C
107479	Animal Specialty Services	752	C
107513	Animal Specialty Services	752	C

## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
112693	Animal Specialty Services	752	C
142028	Animal Specialty Services	752	C
159693	Animal Specialty Services	752	C
110958	Oil and Gas Field services	1389	C
111852	Oil and Gas Field services	1389	C
100767	Single-family Housing Construction	1521	C
100796	Single-family Housing Construction	1521	C
100799	Single-family Housing Construction	1521	C
102111	Single-family Housing Construction	1521	C
102323	Single-family Housing Construction	1521	C
102374	Single-family Housing Construction	1521	C
107368	Single-family Housing Construction	1521	C
107413	Single-family Housing Construction	1521	C
107476	Single-family Housing Construction	1521	C
107532	Single-family Housing Construction	1521	C
110743	Single-family Housing Construction	1521	C
110955	Single-family Housing Construction	1521	C
110971	Single-family Housing Construction	1521	C
111539	Single-family Housing Construction	1521	C
111562	Single-family Housing Construction	1521	C
111568	Single-family Housing Construction	1521	C
111588	Single-family Housing Construction	1521	C
111825	Single-family Housing Construction	1521	C



## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
111844	Single-family Housing Construction	1521	C
111876	Single-family Housing Construction	1521	C
112299	Single-family Housing Construction	1521	C
112335	Single-family Housing Construction	1521	C
112339	Single-family Housing Construction	1521	C
112342	Single-family Housing Construction	1521	C
112647	Single-family Housing Construction	1521	C
112675	Single-family Housing Construction	1521	C
112695	Single-family Housing Construction	1521	C
112819	Single-family Housing Construction	1521	C
113632	Single-family Housing Construction	1521	C
142133	Single-family Housing Construction	1521	C
100632	Nonresidential Construction	1542	C
100633	Nonresidential Construction	1542	C
101350	Nonresidential Construction	1542	C
107533	Nonresidential Construction	1542	C
111591	Nonresidential Construction	1542	C
112672	Nonresidential Construction	1542	C
101341	Highway and Street Construction	1611	C
107473	Highway and Street Construction	1611	C
111141	Highway and Street Construction	1611	C
112345	Highway and Street Construction	1611	C
112373	Highway and Street Construction	1611	C

## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
142219	Meat Packing Plant Manufacturing	2011	C
111235	Prefabricated Wood Buildings Manufacturing	2452	C
111236	Prefabricated Wood Buildings Manufacturing	2452	C
141982	Prefabricated Wood Buildings Manufacturing	2452	C
142064	Prefabricated Wood Buildings Manufacturing	2452	C
102334	Furniture and Fixtures Manufacturing	2599	C
112351	Furniture and Fixtures Manufacturing	2599	C
100765	Newspapers Publishing and Printing	2711	C
102253	Newspapers Publishing and Printing	2711	C
102254	Newspapers Publishing and Printing	2711	C
107386	Newspapers Publishing and Printing	2711	C
138839	Newspapers Publishing and Printing	2711	C
142030	Newspapers Publishing and Printing	2711	C
102202	Commercial Printing–Lithographic	2752	C
112306	Commercial Printing–Lithographic	2752	C
112741	Commercial Printing–Lithographic	2752	C
101344	Commercial Printing NEC	2759	C
102230	Commercial Printing NEC	2759	C
142039	Commercial Printing NEC	2759	C

## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
102265	Plastics Materials and Resins Manufacturing	2821	C
102267	Pesticides and Agricultural Chemicals Manufacturing	2879	C
102115	Plastics products Manufacturing	3089	C
111886	Plastics products Manufacturing	3089	C
142011	Ready-mix Concrete Plant	3273	C
111711	Sheet Metal Work Manufacturing	3444	C
100726	Machinery, Except Electrical Manufacturing	3599	C
102116	Machinery, Except Electrical Manufacturing	3599	C
102308	Machinery, Except Electrical Manufacturing	3599	C
111819	Machinery, Except Electrical Manufacturing	3599	C
111820	Machinery, Except Electrical Manufacturing	3599	C
112716	Machinery, Except Electrical Manufacturing	3599	C
111234	Motor Vehicles and Car Bodies Manufacturing	3711	C
107482	Motor vehicle Parts and Accessories Manufacturing	3714	C

## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
102340	Signs and Advertising Display Manufacturing	3993	C
111833	Signs and Advertising Display Manufacturing	3993	C
111883	Signs and Advertising Display Manufacturing	3993	C
112790	Signs and Advertising Display Manufacturing	3993	C
102209	Local Trucking, without Storage	4212	C
102331	Local Trucking, without Storage	4212	C
102404	Local Trucking, without Storage	4212	C
111838	Local Trucking, without Storage	4212	C
138840	Local Trucking, without Storage	4212	C
142168	Local Trucking, without Storage	4212	C
160237	Local Trucking, without Storage	4212	C
160258	Local Trucking, without Storage	4212	C
102366	Farm Product Warehousing and Storage	4221	C
102400	Farm Product Warehousing and Storage	4221	C
160238	Farm Product Warehousing and Storage	4221	C
107313	Refuse Systems	4953	C
107452	Refuse Systems	4953	C
142161	Refuse Systems	4953	C
112671	Construction and Mining Machinery	5082	C

## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
112821	Construction and Mining Machinery	5082	C
113710	Construction and Mining Machinery	5082	C
102174	Farm and Garden Machinery	5083	C
102179	Farm and Garden Machinery	5083	C
111829	Farm and Garden Machinery	5083	C
112694	Farm and Garden Machinery	5083	C
112730	Farm and Garden Machinery	5083	C
142033	Farm and Garden Machinery	5083	C
111888	Scrap and Waste Materials	5093	C
100637	Gasoline Service Station	5541	C
102233	Gasoline Service Station	5541	C
102385	Gasoline Service Station	5541	C
102386	Gasoline Service Station	5541	C
107457	Gasoline Service Station	5541	C
107458	Gasoline Service Station	5541	C
112073	Gasoline Service Station	5541	C
112278	Gasoline Service Station	5541	C
112388	Gasoline Service Station	5541	C
112640	Gasoline Service Station	5541	C
112855	Gasoline Service Station	5541	C
138832	Gasoline Service Station	5541	C
160255	Gasoline Service Station	5541	C
102122	Recreational vehicle sales and repair	5561	C

## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
138847	Recreational vehicle sales and repair	5561	C
107370	Mobile Home Park	6515	C
111589	Mobile Home Park	6515	C
143303	Mobile Home Park	6515	C
111840	Sporting and Recreational Camps	7032	C
102355	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
107417	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
110961	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
112198	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
112326	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
112719	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
112818	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
138873	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
142098	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C

## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
100651	Auto Truck Repair Service	7538	C
102255	Auto Truck Repair Service	7538	C
102266	Auto Truck Repair Service	7538	C
102316	Auto Truck Repair Service	7538	C
102326	Auto Truck Repair Service	7538	C
102336	Auto Truck Repair Service	7538	C
102347	Auto Truck Repair Service	7538	C
102351	Auto Truck Repair Service	7538	C
102354	Auto Truck Repair Service	7538	C
107429	Auto Truck Repair Service	7538	C
107442	Auto Truck Repair Service	7538	C
110807	Auto Truck Repair Service	7538	C
110811	Auto Truck Repair Service	7538	C
111872	Auto Truck Repair Service	7538	C
111877	Auto Truck Repair Service	7538	C
111889	Auto Truck Repair Service	7538	C
112199	Auto Truck Repair Service	7538	C
112330	Auto Truck Repair Service	7538	C
112713	Auto Truck Repair Service	7538	C
112822	Auto Truck Repair Service	7538	C
113716	Auto Truck Repair Service	7538	C
142032	Auto Truck Repair Service	7538	C
142099	Auto Truck Repair Service	7538	C

## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
107492	Car Wash	7542	C
111858	Car Wash	7542	C
142069	Car Wash	7542	C
100728	Repair Services, Nec	7699	C
101346	Repair Services, Nec	7699	C
102157	Repair Services, Nec	7699	C
102314	Repair Services, Nec	7699	C
107489	Repair Services, Nec	7699	C
111240	Repair Services, Nec	7699	C
111590	Repair Services, Nec	7699	C
111813	Repair Services, Nec	7699	C
111874	Repair Services, Nec	7699	C
112660	Repair Services, Nec	7699	C
112667	Repair Services, Nec	7699	C
112701	Repair Services, Nec	7699	C
141987	Repair Services, Nec	7699	C
110753	Golf Course	7992	C
111850	Golf Course	7992	C

## Regulated Confined Animal Feeding Operations Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
2000051	Wea Creek Kennels	A-MCMI-K001	B



## Regulated Confined Animal Feeding Operations Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
2000068	Harris, George Gary	A-MCFR-BA03	B
2000072	Thornton, Johnny	A-MCFR-S014	B
2000143	Schaub, Bud	A-MCFR-SA02	B
2000233	Van Horn, Gene	A-MCFR-BA08	B
2000265	Huffman, Lynn And Judy	A-MCLY-MA01	B
2000278	Boehm Farms	A-MCMI-S030	B
2000292	Mickelson Farm	A-MCOS-BA09	B
2000320	Perry, Homer	A-MCFR-MA08	B
2000373	Phillips, Bill	A-MCMI-MA15	B
2000392	Peckway Registered Holstein	A-MCFR-MA19	B
2000396	Fanning, Elmer	A-MCMI-MA11	B
2000407	Cole, W.I.	A-MCFR-MA02	B
2000445	Hook, Donald / Bell, Arlo	A-MCOS-BA15	B
2000480	Barnhart, Albert And Jame	A-MCFR-MA23	B
2000499	Woods, Bill	A-MCFR-MA13	B
2000549	Ryckert, Richard	A-MCMI-S025	B
2000575	Yates, F.d.	A-MCFR-M005	B
2000580	Hughes, Rex	A-MCFR-M010	B
2000672	Wasmund Dairy	A-MCFR-MA16	B
2000683	Krause, Ray	A-MCLY-SA01	B
2000695	Wray, Dennis	A-MCFR-M008	B
2000735	Jones, H. Arlan	A-MCFR-MA06	B
2000790	Page Dairy	A-MCFR-MA22	B

## Regulated Confined Animal Feeding Operations Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
2000813	Owen, Clydene	A-MCMI-S013	B
2000828	Hanser Dairy	A-MCJO-M001	B
2000882	Litch Farms	A-MCOS-BA06	B
2000971	Katzer, Virgil	A-MCAN-S029	B
2001003	Coen, John	A-MCFR-M006	B
2001075	Crist Bros. Dairy	A-MCDG-M006	B
2001125	Carstens, Chris	A-MCMI-S012	B
2001247	Reed, Marvin	A-MCOS-S012	B
2001391	Bethell Hog Farm	A-MCFR-S018	B
2001423	Nichols, Carl	A-MCAN-M014	B
2001484	Sylvester Ranch, Inc.	A-MCFR-BA04	B
2001632	Arrowhead Valley Farms	A-MCAN-S020	B
2001648	Schering-Plough Animal Health Corporation	A-MCFR-B003	B
2001847	Pearson, Fred	A-MCOS-BA11	B
2001948	Fredrickson, Ronald Patricia	A-MCOS-BA20	B
2002094	Dunbar, Ronald	A-MCFR-S022	B
2002706	Sunflower Pork, Inc.	A-MCCF-H001	B
2000166	Piersol, Phillip	A-MCFR-MA30	C
2000226	Schaub, Bud	A-MCFR-BA05	C
2000242	Steele, Robert	A-MCFR-MA05	C
2000271	Seuferling, Wayne William	A-MCMI-MA08	C
2000274	Gragg, Don	A-MCFR-MA28	C

## Regulated Confined Animal Feeding Operations Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
2000275	Lyder, Larry	A-MCFR-MA21	C
2000293	Van Horn, Dale B.	A-MCFR-BA07	C
2000296	Miller, Wallace Or Patricia	A-MCOS-BA05	C
2000310	Owens, Larry	A-MCOS-MA02	C
2000314	Keim, Ivan	A-MCAN-M012	C
2000347	Showalter, Ronald	A-MCFR-MA31	C
2000366	Miller-wise Dairy	A-MCAN-M003	C
2000378	Rockhold, Keith	A-MCFR-MA24	C
2000382	Cannady Bros. Dairy	A-MCFR-MA15	C
2000427	Cedar Hill Farms, Inc.	A-MCJO-BA04	C
2000453	Bontrager, Larry	A-MCAN-S030	C
2000455	Smith, Lawrence	A-MCFR-SA01	C
2000531	Franke Dairy	A-MCMI-M009	C
2000538	M C Voights	A-MCFR-MA03	C
2000552	Benjamin Farms	A-MCFR-MA26	C
2000654	Powell Dairy	A-MCMI-M010	C
2000665	Mader Dairy	A-MCAN-M007	C
2000670	Weber Dairy	A-MCFR-M007	C
2000717	Glen Rockhold Dairy	A-MCFR-MA20	C
2000725	Meinig, Jim	A-MCMI-S027	C
2000760	Beachy, David	A-MCAN-S025	C
2000761	Gottstein, John C.	A-MCDG-S003	C
2000768	McLean, Bob	A-MCMI-S018	C

## Regulated Confined Animal Feeding Operations Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
2000773	Mcghee, Darren	A-MCAN-S028	C
2000793	Pretz Farms	A-MCMI-MA18	C
2000801	Borntrager, Phineas	A-MCAN-M015	C
2000833	Sobba, Claron	A-MCFR-MA27	C
2000851	Moews, Francis	A-MCFR-MA25	C
2000853	C-ho Dairy, Inc.	A-MCDG-M007	C
2000857	Sheehan, Mike And Son	A-MCMI-MA12	C
2000880	Anschutz Farm	A-MCOS-BA07	C
2000906	Morrison Dairy	A-MCJO-M003	C
2000946	Burkdoll, Trent	307	C
2000992	Radcliffe Farms	A-MCFR-MA34	C
2001019	Low, Larry	A-MCMI-S011	C
2001021	Tauy Creek Holsteins	A-MCDG-M002	C
2001027	Peine Dairy Farm	A-MCAN-MA01	C
2001050	Bryan Family Trust	A-MCOS-BA08	C
2001078	Wray, Jerry	A-MCFR-MA04	C
2001099	Macek Farms	A-MCMI-S020	C
2001134	Gerken, Gary	A-MCMI-S029	C
2001148	O.K. Ranch	A-MCAN-BA03	C
2001186	Sunflower Pork	A-MCAN-S009	C
2001232	Gantz, Charles	A-MCFR-MA10	C
2001236	Jamison, Melvin Sons	A-MCFR-MA33	C
2001307	Mckoon, Albert D	A-MCMI-BA07	C

## Regulated Confined Animal Feeding Operations Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
2001347	Mccormick, Charley A.	A-NECF-BA05	C
2001350	Bourquin, Maurie	A-MCMI-BA03	C
2001379	Burkdoll Bros., Inc.	268	C
2001417	Stroup Farms	A-MCLN-S021	C
2001441	Sink Farms	A-MCFR-S028	C
2001561	Woodbury Farms	A-MCOS-BA16	C
2001567	Ltb Land Cattle	A-MCFR-S012	C
2001596	Moore, Richard	A-MCFR-BA06	C
2001645	Pearson Cattle Co.	A-MCOS-BA12	C
2001647	Nelson Farms, c/o Glen Nelson	A-MCFR-S024	C
2001669	Foote Cattle Company	A-MCMI-B003	C
2001704	Johnston, Milton	A-MCAN-M001	C
2001775	Combes, David L	A-MCOS-BA19	C
2001792	Sturdy Farms	A-MCOS-B007	C
2001882	Stainbrook, Robert	A-MCLN-S006	C
2001887	Burkdoll, Chad	309	C
2001893	Moore, Richard	A-MCMI-MA17	C
2001956	Beauchamp, Jack	A-MCFR-BA01	C
2001963	Peine, Robert	A-MCFR-BA10	C
2002014	Sundstrom Farms	A-MCFR-M004	C
2002227	Franklin County Livestock Commission Co	A-MCFR-BA09	C
2002334	Knaus, Wayne	A-MCAN-S017	C
2002349	Medlin Farms	A-MCMI-BA05	C

## Regulated Confined Animal Feeding Operations Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
2002353	Medlin Farms	A-MCMI-BA06	C
2002405	K Bar K Ranch	A-MCLN-BA03	C
2002407	Sunflower Pork, Inc.	A-MCCF-S010	C
2002416	Burkdoll, Clint	308	C
2002425	Paola Livestock Auction, Inc.	A-MCMI-B001	C
2002604	Bethell, Jeff	A-MCOS-H001	C
2002653	Foote Cattle Co.	A-MCMI-C001	C
2002794	Burkdoll Brothers Inc	A-MCFR-H002	C

## Regulated Hazardous Waste Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
4000051	WOLF CREEK NUCLEAR OPERATING CORP	KSD000686956	C

## Regulated Leaking Storage Tank Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
3000106	Heritage Motors	01321	B
3000129	Browning, Jim	01527	B
3000157	Beto Jct Truck Plaza	01852	B
3000242	Ottawa Coop	02923	B

## Regulated Leaking Storage Tank Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
3000277	Miami County Coop	03340	B
3000366	Amoco, Sweetheart (calvin Oil)	04491	B
3000376	Town Oil Co	04650	B
3000419	Bobs Automotive	05115	B
3000577	Vickers #2166	06425	B
3000589	South Main Serv (former)	06491	B
3000772	Conoco Travel Shoppe	07715	B
3000987	Quality 66	12745	B
3001001	Cooks Service	13019	B
3001030	Grays Equipment	14102	B
3001039	Fogle Quarry	14395	B
3001064	Heathman Oil Co	15345	B
3001114	Kramers Service	16769	B
3001123	Conoco, Lewis	17137	B
3001129	First Student	17270	B
3001193	Sheldon Inc	20019	B
3001213	Taylor Oil Inc	20581	B
3001397	Ez Shop #18	25063	B
3001555	Usd 290, Lincoln Elementary	25871	B
3001557	Usd 290, Garfield Elementary	25873	B
3001558	Usd 290, Hawthorne Elementary	25874	B
3001632	City Of Ottawa, Work Shop	26211	B
3001753	Kdot, Paola	26697	B

## Regulated Leaking Storage Tank Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
3001754	Kdot, Ottawa	26702	B
3001816	Ups, Ottawa	27049	B
3001873	Caseys General #596	27284	B
3001940	Ransom Memorial Hospital	27556	B
3001987	Bill Wheeler Service	27885	B
3002198	Bass Electric	29066	B
3002264	Dodson International	29380	B
3002268	Wal-mart #382	29415	B
3002373	Paola Assembly Of God	29947	B
3002412	Edwards 66 Service	41147	B
3002413	Ottawa Municipal Power Plant	41158	B
3002461	DhSchool Bus Inc	70012	B
3002577	G K Smith Sons	80413	B
3002578	Paola Glass	80415	B
3002590	Baxter Oil	80450	B
3002591	Sinclair, Hanks	80451	B
3002592	Loren Mccurdy Auto Sales	80452	B
3002594	Ottawa Municipal Power Plant	80454	B
3002595	Weidner Oil Co	80455	B
3002627	Dick Martin Property	81119	B
3002678	Rule-schrumm Construction	81262	B
3002683	Ewan, William	81274	B
3002700	Beyond Video	81311	B



## Regulated Leaking Storage Tank Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
3002788	Penny's Concrete	81505	B
3002843	Giesy Property	81686	B
3000105	I-35 Service, Former	01293	C
3000339	Dietz 66	04155	C
3000480	Usd 368, Paola Middle School	05941	C
3000665	Stop 2 Shop	06801	C
3000792	Osage Co Road Bridge	07887	C
3000866	Sw Bell Telephone	08827	C
3000963	Ron Olson Chevrolet	12017	C
3001070	Hilltop 66	15466	C
3001082	Lybarger Oil	15771	C
3001181	Texaco, Romines	19551	C
3001201	Hamlin Rent-all	20229	C
3001265	Caseys General #1237	23193	C
3001313	Ottawa Truck	23519	C
3001370	Osawatomie State Hospital, Power Plant	24199	C
3001470	Osage Co, Hwy Dept	25461	C
3001554	Usd 290, Ottawa High School	25870	C
3001556	Usd 290, Ottawa Elementary	25872	C
3001617	Our Own Hardware	26152	C
3001633	Ottawa Municipal Airport	26212	C
3001910	Kansas National Guard Armory	27447	C
3002000	Casey's General #14	27989	C

## Regulated Leaking Storage Tank Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
3002579	Paola Public Works	80416	C
3002589	Fina Truck Stop (former)	80449	C
3002593	Ottawa Airport	80453	C
3002696	Bowers, Charlie Property	81299	C

## Regulated Identified Contaminated Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
7000505	OTTAWA TRUCK CORPORATION	C403000151	B
7000506	EQUILON PIPELINE	C403000969	B
7000507	OTTAWA SATELLITE POW CAMP (FORMER)	C403071259	B
7000599	MIAMI COUNTY CO-OP	C406100976	B
7000415	FORBES S-3 SITE	C301603016	C
7000502	FORBES S-2 SITE	C402303028	C
7000600	TRANSWORLD SERVICES, LOUISBERG	C406170120	C
7000601	UP OSAWATOMIE RAIL YARD	C406170941	C
7000602	PANHANDLE EASTERN – LOUISBERG COMPRESSOR STATION	C406170972	C

## Regulated Solid Waste Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
5000234	City of Paola---void	0232-S	B

## Regulated Solid Waste Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
5000260	Miami County	0256-S	B
5000299	City of Ottawa	0289-S	B
5000491	City of Ottawa	0475-S	B
5000622	Miami County HHW Program	0609-S	B
5000126	Anderson County	0147-S	C
5000142	Franklin County Transfer Station	0159-S	C
5000145	Franklin County	0160-S	C
5000169	Marshall Tatum	0180-S	C
5000621	Franklin County HHW	0608-S	C

## Regulated Waste Water Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
6000166	KANSAS PIPELINE – OSAWATOMIE HYDRO. TES	I-MC30-PO05	B
6000168	PENNY'S CONCRETE-LELOUP QUARRY	I-MC31-NP03	B
6000169	FOGLE QUARRY – SOUTH	I-MC31-PO02	B
6000170	KANSAS PIPELINE COMPANY	I-MC31-PO05	B
6000173	PANHANDLE EASTERN-OLPE 200	I-MC33-PO09	B
6000175	NELSON QUARRY – WAVERLY	I-MC47-PO02	B
6000176	PANHANDLE EASTERN PIPELINE CO. (WAVERLY	I-MC47-PO03	B
6000258	WILLIAMSBURG MWTP	M-MC50-OO01	B
6000445	VFW POST 5901 WASTEWATER LAGOON	C-MC31-NO03	B

## Regulated Waste Water Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
6000451	SAVE REST SHOP	C-MC50-NO01	B
6000759	HUNT MIDWEST – HARRIS	I-MC15-PO01	B
6000767	HUNT MIDWEST – LYNDON QUARRY	I-MC21-PO03	B
6000768	MARTIN MARIETTA (MELVERN QUARRY)	I-MC23-PO02	B
6000770	OSAWATOMIE MUNICIPAL POWER PLANT	I-MC30-CO01	B
6000771	OTTAWA REDI-MIX CONCRETE CO., INC.	I-MC31-NO07	B
6000772	STINSON PROCESSING	I-MC31-NP02	B
6000775	MARTIN MARIETTA (OTTAWA QUARRY)	I-MC31-PO03	B
6000776	OTTAWA MUNICIPAL WATER LIGHT PLANT	I-MC31-PO04	B
6000778	PENNY'S CONCRETE – READY MIX PLANT	I-MC33-NP01	B
6000779	HUNT MIDWEST – PAOLA QUARRY	I-MC33-PO07	B
6000782	HUNT MIDWEST – PRINCETON	I-MC38-PO01	B
6000784	COUNTRY CORNER GROUNDWATER REMED.	I-MC47-PO04	B
6000785	MARTIN MARIETTA (LELOUP QUARRY)	I-MC48-PO03	B
6000789	ASH GROVE – WELDA	I-MC53-PO02	B
6000790	HUNT MIDWEST – GLOBE	I-MC55-PO01	B
6001451	BALDWIN MWTP	M-MC04-OO01	B
6001452	BALDWIN MWTP	M-MC04-OO01	B
6001453	BALDWIN MWTP	M-MC04-OO01	B
6001468	GREELEY MWTF	M-MC14-OO01	B
6001474	LANE	M-MC19-OO01	B
6001477	LOUISBURG – PLANT #2	M-MC20-OO02	B
6001478	LYNDON MWTP	M-MC21-OO01	B

## Regulated Waste Water Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
6001481	MELVERN MWTP	M-MC23-OO01	B
6001485	OSAGE CITY WWTF	M-MC29-OO01	B
6001486	OSAWATOMIE MWTP	M-MC30-OO01	B
6001487	OSAWATOMIE MWTP	M-MC30-OO01	B
6001488	OTTAWA MWTP	M-MC31-IO01	B
6001489	OTTAWA MWTP	M-MC31-IO01	B
6001497	PAOLA MWTF	M-MC33-OO01	B
6001505	PRINCETON MWTF	M-MC38-OO01	B
6001506	QUENEMO MWTP	M-MC39-OO01	B
6001513	SPRING HILL MWTP	M-MC45-OO01	B
6001515	SPRING HILL MWTP	M-MC45-OO03	B
6001516	SPRING HILL MWTP	M-MC45-OO03	B
6001517	SPRING HILL MWTP	M-MC45-OO03	B
6001519	WAVERLY MWTP	M-MC47-OO01	B
6001520	WELLSVILLE MWTP	M-MC48-OO01	B
6001521	WESTPHALIA	M-MC49-OO01	B
6001522	WILLIAMSBURG MWTF	M-MC50-OO02	B
6001529	HILLSDALE IMPROVEMENT DISTRICT	M-MC60-OO01	B
6000167	BUILDEX, INCORPORATED	I-MC31-NP01	C
6000171	PHILLIPS PETROLEUM – PAOLA TERMINAL	I-MC33-PO04	C
6000174	HUNT MIDWEST – POMONA	I-MC39-PO01	C
6000177	HARSHMAN CONSTRUC. – WILLIAMS QUARRY	I-MC57-PO01	C
6000290	RENZOIL INC.	I-UA36-PO01	C

## Regulated Waste Water Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
6000315	OSAGE COUNTY S.D. NO. 2 (PROPOSED)	M-MC58-OO01	C
6000446	HORSE SHOE CAFE	C-MC31-NO05	C
6000447	MCKENZIE'S RESTAURANT	C-MC31-NO06	C
6000448	TIMBER LAKES CAMP AND RETREAT CENTER	C-MC31-NO07	C
6000449	THOMAS TRAILER TOWN	C-MC33-NO01	C
6000452	TOTAL TRUCK STOP	C-MC57-OO02	C
6000453	BETO JCT. TRAVEL PLAZA – HPT INV.	C-MC57-OO03	C
6000454	GREEN ACRES RESTAURANT WWTP	C-MC58-NO02	C
6000756	GARNETT MUNICIPAL ELEC. PLANT	I-MC13-CO01	C
6000757	HUNT MIDWEST – GARNETT QUARRY	I-MC13-PO02	C
6000758	HUNT MIDWEST MINING, INC.–SUTTON #11	I-MC13-PO03	C
6000763	LOUISBURG CIDER MILL INC.	I-MC20-NO03	C
6000764	KDOT VEHICLE WASH LAGOON	I-MC20-NO05	C
6000765	RENO CONSTRUCTION WELL'S QURY/LOUISBURG	I-MC20-PO02	C
6000766	HAMM – LIEBER/PLAGE #74	I-MC21-PO02	C
6000773	WILLIAMS NAT. GAS – OTTAWA COMP. STA.	I-MC31-NP04	C
6000774	KANSAS PIPELINE–OTTAWA COMPRESSOR STA.	I-MC31-NP06	C
6000788	HUNT MIDWEST – WELDA QUARRY	I-MC53-PO01	C
6000791	HUNT MIDWEST – CRAWFORD	I-MC56-PO01	C
6001450	USD #348 BALDWIN MARION SPRINGS SCHOOL	M-MC04-NO01	C
6001463	GARNETT NORTH MWTP	M-MC13-IO01	C
6001464	GARNETT NORTH MWTP	M-MC13-IO01	C
6001465	GARNETT NORTH MWTP	M-MC13-IO01	C

## Regulated Waste Water Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
6001466	GARNETT SOUTH MWTP	M-MC13-OO02	C
6001467	GARNETT SOUTH MWTP	M-MC13-OO02	C
6001473	USD #362 PRAIRIE VIEW SCHOOL	M-MC18-OO02	C
6001475	MIAMI CO. SEWER DISTRICT – CLUB ESTATES	M-MC20-NO01	C
6001476	LOUISBURG MWTP #1	M-MC20-OO01	C
6001490	OTTAWA MWTP	M-MC31-IO01	C
6001491	OTTAWA MWTP	M-MC31-IO01	C
6001492	OTTAWA MWTP	M-MC31-IO01	C
6001493	KDOT. OTTAWA MAINTENANCE SHOP	M-MC31-NO01	C
6001494	KDOT. FRANKLIN CO. REST AREA	M-MC31-OO02	C
6001502	USD #287 APPANOOSE ELEMENTARY	M-MC36-NO02	C
6001503	POMONA WWTP	M-MC36-OO01	C
6001507	RANTOUL MWTP	M-MC40-OO01	C
6001510	RICHMOND MWTF	M-MC43-OO01	C
6001511	USD #288 CENTRAL HEIGHTS	M-MC43-OO02	C
6001530	MIAMI CO. S.D – WALNUT CREEK ESTATES	M-MC60-OO02	C
6001531	MIAMI CO. SEWER DISTRICT NO.2 (BUCYRUS)	M-MC63-OO01	C
6002014	OTTAWA TRUCK DIVISION	P-MC31-OO01	C

Public Water Supply: **LACYGNE, CITY OF**  
Assessment Area: **990**  
Diversion Id's: **999**  
Status: **Accepted**  
Submit Date: **2003-01-03 14:44:43**

## **Added Sources:**

The Added Sources section lists all the sites that have been added as potential sources of contamination by an evaluator through the assessment process to supplement the original data.

The potential sources listed in this section are sorted to show the added potential sources in Zone A first, Zone B second, and Zone C third.

**Although a facility or business was added as a potential concern, it does not necessarily mean a release or spill has occurred. Contamination could only occur if certain chemical substances are released into the environment and filter into the water supply source.**



# Added Sources

Public Water Supply: **LACYGNE, CITY OF**  
Assessment Area: **990**

## Added Potential Site Sources

Source No.	Source Name	SIC ID	Zone
9001205	pastureland	10080	A
9001018	Grove of trees	0	B
9001142	grove of trees	0	B
9001198	Forestry	0	B
9001143	Fuel, grain and feed and hay storage	10026	B
9001269	Fuel, grain, and feed and hay storage	10026	B
9001196	discharging lagoons	10075	B
9001268	non-discharging lagoons	10075	B
9001099	pastureland	10080	B
9001017	cropland	115	B
9001100	cropland	115	B
9001139	cropland	115	B
9001270	cropland	115	B
9001647	Feed Lot	211	B
9001140	pastureland	10080	C
9001197	oil wells	1381	C

Public Water Supply: **LACYGNE, CITY OF**  
Assessment Area: **990**  
Diversion Id's: **999**  
Status: **Accepted**  
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## **Potential Contaminants Summary:**

The Contaminants Summary shows the number of identified unregulated sources in the assessment area for each contaminant of concern category.

In order to obtain the number of sources for each category, a relationship was correlated between each Standard Industrial Classification (SIC) and the contaminant of concern categories. Each SIC was assessed and associated with contaminant categories. For example, if not managed properly, a car wash (SIC 7542) could potentially contaminate an intake because of inorganic compounds (IOC) and volatile organic compounds (VOC); thus, a car wash is associated with IOCs and VOCs.

A chart displays a count for each contaminant category. The sum for each category represents the total number of identified sources that have been associated with that particular contaminant category. However, the total number of identified sources does not include contaminants from the Added Sources. In our example, a car wash would be considered 2 sources of contamination. It would be a potential source of contamination for IOCs and for VOCs; thus, 1 would be added to the total number of sources in the VOC category and 1 would be added to the IOC category.

# Potential Contaminants Summary

Public Water Supply: LACYGNE, CITY OF  
Assessment Area: 990

## Number of Unregulated Site Sources Identified for each Contaminant Category

MicroBiological	Sedimentation	Pesticides	IOC's	SOC's	VOC's	E – P
109	113	25	271	89	181	101

A – Microbiological

B2 – Sedimentation

C\* – Pesticides

B – Inorganic Compounds

C – Synthetic Organic Compounds

D – Volatile Organic Compounds

B1 – Eutrophication – Phosphorous

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## Potential Contaminants Listing:

The Potential Contaminants section lists the contaminant of concern category associated with each Standard Industrial Classification (SIC) found in an assessment area. A complete list of contaminant category codes are located at the bottom of this page.

The relationships defined between the Standard Industrial Classifications (SIC) and the contaminant of concern categories are displayed in a table format. Using our car wash example, the relationships can be better illustrated. A car wash could release IOC and VOC chemical substances. The connection is shown by indicating the SIC, 7542, and the associated contaminant categories, IOC (Category B) and VOC (Category D). However, the contaminants listed are not associated with any Added Sources.

The list is sorted by the SIC source description and it only shows unique SIC sources. For example, an assessment area can have 20 car washes in an assessment area, but the list is only going to show contaminant categories associated with car washes onetime. This is because all car washes have the same SIC and every car wash poses the same potential threat to water intakes.

<b>A</b> – Microbiological	<b>B</b> – Inorganic Compounds	<b>B1</b> – Eutrophication – Phosphorous
<b>B2</b> – Sedimentation	<b>B*</b> – Nitrates	<b>C</b> – Synthetic Organic Compounds
<b>C*</b> – Pesticides	<b>D</b> – Volatile Organic Compounds	

# Potential Contaminants Listing

Public Water Supply: LACYGNE, CITY OF  
Assessment Area: 990

## Unregulated Identified Site Sources and associated Potential Contaminant Category

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
7538	Auto Truck Repair Service	Inorganics, VOCs	B
"	"	"	D
7542	Car Wash	Inorganics, VOCs	B
"	"	"	B1
"	"	"	B2
"	"	"	D
211	Cattle Farm	Sanitary, Fertilizers TSS, pesticides, Erosion and sedimentation	A
"	"	"	B
"	"	"	B1
"	"	"	B2
"	"	"	B*
"	"	"	C*
212	Cattle Working Area	Sanitary, Fertilizers TSS	A
"	"	"	B
"	"	"	B1
"	"	"	B2
"	"	"	B*

## Unregulated Identified Site Sources and associated Potential Contaminant Category.

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
5082	Construction and Mining Machinery	NA	NA
2599	Furniture and Fixtures Manufacturing	TSS, VOCs	B
"	"	"	D
5541	Gasoline Service Station	Inorganics, VOCs	B
"	"	"	D
7992	Golf Course	Fertilizers and pesticides	A
"	"	"	B1
"	"	"	B2
"	"	"	B*
"	"	"	C*
1611	Highway and Street Construction	Sedimentation	B2
4212	Local Trucking, without Storage	VOCs	D
3599	Machinery, Except Electrical Manufacturing	inorganics, VOCs	B
"	"	"	D
2011	Meat Packing Plant Manufacturing	BOD, pathogens, Oil and grease	A
"	"	"	B*
3479	Metal Coating and Allied Services Manufacturing	inorganics, VOCs	B
"	"	"	D
6515	Mobile Home Park	Sanitary wastes, Fertilizers	A

## Unregulated Identified Site Sources and associated Potential Contaminant Category.

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
6515	Mobile Home Park	Sanitary wastes, Fertilizers	B
"	"	"	B1
"	"	"	B*
3711	Motor Vehicles and Car Bodies Manufacturing	inorganics, VOCs	B
"	"	"	D
3714	Motor vehicle Parts and Accessories Manufacturing	inorganics, VOCs	B
"	"	"	D
2873	Nitrogen Fertilizer Manufacturing	nitrogen	B
"	"	"	B*
1542	Nonresidential Construction	Sedimentation	B2
1389	Oil and Gas Field services	Oil, Salt Water	B
"	"	"	C
2879	Pesticides and Agricultural Chemicals Manufacturing	Semi volatiles and pesticides, Inorganics, etc	B
"	"	"	B1
"	"	"	B2
"	"	"	B*
"	"	"	C
"	"	"	C*
2821	Plastics Materials and Resins Manufacturing	Solvents, plasticizers, VOCs	D

## Unregulated Identified Site Sources and associated Potential Contaminant Category.

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
3089	Plastics products Manufacturing	inorganics, VOCs	B
"	"	"	D
2452	Prefabricated Wood Buildings Manufacturing	TSS	B
"	"	"	D
3273	Ready-mix Concrete Plant	Minerals and TSS	B
7033	Recreational Vehicle Parks and Campsites	sanitary, fertilizers, pesticides	A
"	"	"	B
"	"	"	B1
"	"	"	B*
"	"	"	C*
5093	Scrap and Waste Materials	Metals, TSS	B
4952	Sewerage Systems	Inorganics, VOCs	B
"	"	"	B1
"	"	"	B*
"	"	"	D
3444	Sheet Metal Work Manufacturing	Metals and TSS, VOCs and metal etch	B
3993	Signs and Advertising Display Manufacturing	inorganics, VOCs	B
"	"	"	D
1521	Single-family Housing Construction	Oil, Paint, Pesticides, Fertilizers	A



## Unregulated Identified Site Sources and associated Potential Contaminant Category.

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
1521	Single-family Housing Construction	Oil, Paint, Pesticides, Fertilizers	B1
"	"	"	B2
"	"	"	B*
"	"	"	C
7532	Top, Body, and Upholstery Repair Shops and Paint Shops	Inorganics, VOCs	B
"	"	"	D
742	Veterinary Services, Specialties	Sanitary, Inorganics TSS	A
"	"	"	B
2434	Wood Kitchen Cabinets Manufacturing	TSS, VOCs	B
"	"	"	D
752	Animal Specialty Services	Sanitary, fertilizers	A
"	"	"	B
"	"	"	B1
"	"	"	B2
"	"	"	B*
2759	Commercial Printing NEC	Inorganics, VOCs, Semi volatiles	B
"	"	"	C
"	"	"	D
2752	Commercial Printing-Lithographic	Inorganics, VOCs, Semi volatiles	B

## Unregulated Identified Site Sources and associated Potential Contaminant Category.

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
2752	Commercial Printing–Lithographic	Inorganics, VOCs, Semi volatiles	C
"	"	"	D
241	Dairy Farms	Sanitary, fertilizers	A
"	"	"	B
"	"	"	B1
"	"	"	B2
"	"	"	B*
175	Deciduous Tree Fruit Orchard	fertilizers, pesticides, VOCs	B
"	"	"	B1
"	"	"	B2
"	"	"	B*
"	"	"	C*
"	"	"	D
3523	Farm Machinery and Equipment	inorganics	B
"	"	"	D
4221	Farm Product Warehousing and Storage	TSS, VOCs	B
"	"	"	D
5083	Farm and Garden Machinery	inorganics	B
191	General Farm, Primarily Crop	fertilizers, Pesticides	B

## Unregulated Identified Site Sources and associated Potential Contaminant Category.

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
191	General Farm, Primarily Crop	fertilizers, Pesticides	B1
"	"	"	B2
"	"	"	B*
"	"	"	C*
2711	Newspapers Publishing and Printing	Inorganics, VOCs, Semi volatiles	B
"	"	"	C
"	"	"	D
5561	Recreational vehicle sales and repair	Inorganics	B
4953	Refuse Systems	ALL	A
"	"	"	B
"	"	"	B1
"	"	"	B2
"	"	"	B*
"	"	"	C
"	"	"	C*
"	"	"	D
7699	Repair Services, Nec	inorganics	B

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## **Protection Measures:**

The Protection Measures section shows water quality protection measures for the Standard Industrial Classifications (SIC) identified in the assessment area.

Previous sections of this report are designed to show areas that Public Water Supplies (PWS) can focus on to improve the susceptibility of an assessment area. This section helps identify water quality protection measures that a PWS can use as guidance for implementing action for a potential contaminant site in the assessment area. It focuses on protection measures that can reduce the risk of contamination to the water supply.

This portion of the report only displays water quality protection measures for each type of SIC found in the assessment area. It does not display protection measures for each site in the assessment area because every SIC should have the same or similar water quality protection management practices. However, the protection measures listed are not associated with any Added Sources.

# Protection Measures

Public Water Supply: LACYGNE, CITY OF  
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## Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
7538	Auto Truck Repair Service	Inorganics, VOCs	Discharge to POTW. Manage oil products and used oil so that it is not in contact with water	40 CFR 442 and
7542	Car Wash	Inorganics, VOCs	Install and maintain sediment and grease traps where appropriate	40 CFR 442
211	Cattle Farm	Sanitary, Fertilizers TSS, pesticides, Erosion and sedimentation	Proper application of fertilizers and pesticides. Proper cleaning of equipment and disposal of chemicals. Maintain riparian areas along waterways and keep cattle out of these areas. Proper Waste Management and Grazing Management.	KDHE–Livestock Waste Management Section, KAR 28–16, KDA, County Soil Conservation District, NRCS
212	Cattle Working Area	Sanitary, Fertilizers TSS	Treat wastewater. Maintain area to minimize runoff of sediment	40 CFR 412
5082	Construction and Mining Machinery	NA	Discharge to POTW	NA
2599	Furniture and Fixtures Manufacturing	TSS, VOCs	Discharge of process waters to POTW.	State or federal Storm water pollution prevention regulations

## Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
5541	Gasoline Service Station	Inorganics, VOCs	Maintain area to minimize fuel contamination	NA
7992	Golf Course	Fertilizers and pesticides	Proper application of fertilizers and pesticides. Proper cleaning of equipment and disposal of chemicals.	KDHE, KAR 28-16
1611	Highway and Street Construction	Sedimentation	Erosion and Sediment Control	KAR 28-16, KDHE
4212	Local Trucking, without Storage	VOCs	Discharge to a POTW	State or federal Storm water pollution prevention regulations
3599	Machinery, Except Electrical Manufacturing	inorganics, VOCs	Manage wastes properly and treat process wastewater prior to discharge to a POTW or direct	State or federal Storm water pollution prevention regulations
2011	Meat Packing Plant Manufacturing	BOD, pathogens, Oil and grease	Wastewater pretreatment and/or discharge to a POTW	40CFR 432 and State or federal Storm water pollution prevention regulations

## Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
3479	Metal Coating and Allied Services Manufacturing	inorganics, VOCs	Manage wastes properly and treat process wastewater prior to discharge to a POTW or direct	40 CFR 433 and State or federal Storm water pollution prevention regulations
6515	Mobile Home Park	Sanitary wastes, Fertilizers	Discharge to POTW. Minimize use of lawn chemicals	KAR 28–5
3711	Motor Vehicles and Car Bodies Manufacturing	inorganics, VOCs	Manage wastes properly and treat process wastewater prior to discharge to a POTW or direct	State or federal Storm water pollution prevention regulations
3714	Motor vehicle Parts and Accessories Manufacturing	inorganics, VOCs	Manage wastes properly and treat process wastewater prior to discharge to a POTW or direct	40 CFR 464 and State or federal Storm water pollution prevention regulations
2873	Nitrogen Fertilizer Manufacturing	nitrogen	Minimize contact of product with water. Contain and treat process wastewater	40 CFR 418 and State or federal Storm water pollution prevention regulations
1542	Nonresidential Construction	Sedimentation	Erosion and Sediment Control	KAR 28–16, KDHE

## Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
1389	Oil and Gas Field services	Oil, Salt Water	Proper management of production wastes	KAR 28–41, 45, 40 CFR 435
2879	Pesticides and Agricultural Chemicals Manufacturing	Semi volatiles and pesticides, Inorganics, etc	Minimize contact of products with water. Contain and treat process wastewater. Minimize any outdoor storage	40 CFR 455 and State or federal Storm water pollution prevention regulations
2821	Plastics Materials and Resins Manufacturing	Solvents, plasticizers, VOCs	Discharge process water to POTW	40 CFR 424 and State or federal Storm water pollution prevention regulations
3089	Plastics products Manufacturing	inorganics, VOCs	Pre-treat wastewater prior to discharge. Minimize outdoor storage and control storm water runoff.	40 CFR 463 and State or federal Storm water pollution prevention regulations
2452	Prefabricated Wood Buildings Manufacturing	TSS	Discharge of process waters to POTW. Minimize outdoor storage.	State or federal Storm water pollution prevention regulations
3273	Ready-mix Concrete Plant	Minerals and TSS	Minimize outdoor storage and control storm water runoff.	State or federal Storm water pollution prevention regulations



## Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
7033	Recreational Vehicle Parks and Campsites	sanitary, fertilizers, pesticides	Discharge to POTW. Minimize use of lawn chemicals	NA
5093	Scrap and Waste Materials	Metals, TSS	Minimize contact with storm water	State or federal Storm water pollution prevention regulations
4952	Sewerage Systems	Inorganics, VOCs	Manage sludge properly. Minimize storm water contact with chemicals	KAR 28–16 and State or federal Storm water pollution prevention regulations
3444	Sheet Metal Work Manufacturing	Metals and TSS, VOCs and metal etch	Minimize outdoor storage and control storm water runoff. Pre-treat process wastewater prior to discharge to POTW	40 CFR 464 and State or federal Storm water pollution prevention regulations
3993	Signs and Advertising Display Manufacturing	inorganics, VOCs	Manage wastes properly and treat process wastewater prior to discharge to a POTW or direct	40 CFR 459 and State or federal Storm water pollution prevention regulations
1521	Single-family Housing Construction	Oil, Paint, Pesticides, Fertilizers	Proper cleaning and disposal of household hazardous waste. Proper storage, application, and clean up of pesticides and fertilizers	KAR 28–48, KDHE, KDEM

## Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
7032	Sporting and Recreational Camps	sanitary, fertilizers, pesticides	Discharge to POTW. Minimize use of lawn chemicals	KAR 28–5
7532	Top, Body, and Upholstery Repair Shops and Paint Shops	Inorganics, VOCs	Discharge to POTW. Recycle where appropriate. Properly maintain oil product and waste. Manage paint and solvent wastes properly	NA
742	Veterinary Services, Specialties	Sanitary, Inorganics TSS	Discharge to POT	NA
2434	Wood Kitchen Cabinets Manufacturing	TSS, VOCs	Discharge of process waters to POTW. Minimize outdoor storage.	State or federal Storm water pollution prevention regulations
752	Animal Specialty Services	Sanitary, fertilizers	Collect and treat wastes.	NA
2759	Commercial Printing NEC	Inorganics, VOCs, Semi volatiles	Recycle chemicals where possible. Discharge to POTW	40 CFR 459 and State or federal Storm water pollution prevention regulations

## Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
2752	Commercial Printing–Lithographic	Inorganics, VOCs, Semi volatiles	Recycle chemicals where possible. Discharge to POTW	40 CFR 459 and State or federal Storm water pollution prevention regulations
241	Dairy Farms	Sanitary, fertilizers	Collect and treat process wastes. Use good erosion control practices. Minimize storm water contact with contaminants.	40 CFR 405
175	Deciduous Tree Fruit Orchard	fertilizers, pesticides, VOCs	Minimize the use of chemicals and pesticides. Maintain good erosion control practices	NA
3523	Farm Machinery and Equipment	inorganics	Discharge to POTW	State or federal Storm water pollution prevention regulations
4221	Farm Product Warehousing and Storage	TSS, VOCs	Keep the area clean of grain. Use grease traps.	State or federal Storm water pollution prevention regulations
5083	Farm and Garden Machinery	inorganics	Discharge to POTW	NA

## Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
191	General Farm, Primarily Crop	fertilizers, Pesticides	Maintain good erosion control practices and minimize the use of chemicals	NA
2711	Newspapers Publishing and Printing	Inorganics, VOCs, Semi volatiles	Recycle chemicals where possible. Discharge to POTW	40 CFR 459 and State or federal Storm water pollution prevention regulations
5561	Recreational vehicle sales and repair	Inorganics	Discharge to a POTW. Store oils and lubricants properly	Discharge to a POTW. Store oils and lubricants properly
4953	Refuse Systems	ALL	Store wastes properly in order to minimize contact with storm water.	Maintain the lagoon or storage vessel properly. Control storm water run on and runoff to minimize contamination of storm water
7699	Repair Services, Nec	inorganics	Discharge to POTW	NA

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## **Assessment Analysis:**

The Assessment Analysis section displays the numbers assigned to each contaminant of concern category for each question in the susceptibility analysis.

This analysis is based on a decision tree framework consisting of a series of yes/no questions. These questions consider the proximity of contaminant sources to the water supply intake, the type of contaminant, and the application of pollution prevention or water quality protection practices to sources of contamination. As the evaluator moves through the analytical framework, susceptibility points are accumulated based on the presence of contaminant sources in the assessment area.

After all the questions have been answered, the SLS is calculated for each contaminant of concern category. The SLS is determined by counting the number of contamination risk factors found to occur in the delineated assessment area and applying a multiplier to this number. Because the number of contaminant category risk factors is not equal, the multiplier is used to establish a common scale for the SLS of each contaminant category.

# Assessment Analysis

Public Water Supply: **LACYGNE, CITY OF**  
Assessment Area: **990**

## Surface Water Single Well Analysis

**A** – Microbiological    **B** – Inorganic Compounds

**B1** – Eutrophication – Phosphorous

**B2** – Sedimentation    **C** – Synthetic Organic Compounds

**C\*** – Pesticides        **D** – Volatile Organic Compounds

No.	Question	Response	A	B	B1	B2	C	C*	D
1	Is the intake located at a treatment plant?	No	1	1	0	0	1	1	1
2	Is there an open channel conveyance from the intake to the treatment plant?	Yes	1	1	0	0	1	1	1
3	Does a PWS own or control the conveyance right-of-way?	No	1	1	0	0	1	1	1
4	Does a PWS own or control the area within 1/4 mile of intake?	No	1	1	0	0	1	1	1
5	Is the area within 1/4 mile of the intake entirely native grass?	No	1	1	0	0	1	1	1
6	Is transportation infrastructure in close proximity to the intake?	Yes	0	1	0	0	1	1	1
7	Are there water quality protection plans for the transportation infrastructure?	No	0	1	0	0	1	1	1
8	Are any commercial, industrial, or urban areas present?	Yes	1	1	0	0	1	1	1
9	Does each industrial/commercial site and urban area have a water quality protection plan in place?	No	1	1	0	0	1	1	1
10	Is riparian area vegetated?	No	1	1	0	0	0	1	0
11	Has riparian area been farmed up to the stream/riverbank?	Yes	0	0	0	0	0	1	0
12	Is there a lack of native grass or trees?	No	0	0	0	0	0	1	0
13	Is livestock use present in riparian area?	Yes	1	0	0	0	0	1	0
14	Are any confined livestock production sites in riparian area?	No	0	0	0	0	0	0	0
15	Is each confinement area registered with KDHE?	Yes	0	0	0	0	0	0	0
16	Are any row crops (corn, milo, soybean) present?	Yes	0	0	0	0	0	1	0
17	Are water quality protection plans in use for each cropland?	No	0	0	0	0	0	1	1

No.	Question	Response	A	B	B1	B2	C	C*	D
18	Are any orchards present?	Yes	0	0	0	0	0	1	0
19	Are water quality protection plans in use for each orchard?	No	0	0	0	0	0	1	0
20	Is the intake a river intake?	Yes	1	1	0	1	1	1	1
21	Is the intake at a city-owned lake?	No	1	1	1	1	1	1	1
22	Is there water quality monitoring conducted at the river or lake?	No	1	1	1	1	1	1	1
23	Is TMDL needed for any of the rivers or lakes?	Yes	1	1	1	1	1	1	1
24	Are TMDL pollutants of concern reported by monitoring?	No	1	1	1	1	1	1	1
25	Are any point source discharges within 16 miles upstream of intake?	Yes	1	1	1	1	1	0	1
26	Is pretreatment required at any of the point sources?	Yes	1	1	1	1	1	0	1
27	Are all riparian buffers vegetated?	No	1	1	1	1	0	1	0
28	Are vegetated riparian buffer and a water quality protection plans in place?	Yes	0	0	0	0	0	0	0
29	Is there urbanized land within riparian buffer?	Yes	1	1	1	1	1	1	1
30	Is a NPDES stormwater permit required for the urbanized areas?	No	1	1	1	1	1	1	1
31	Are voluntary water quality protection plans in place for each urbanized area?	No	1	1	1	1	1	1	1
32	Is there industrial land use within riparian buffer?	Yes	1	1	1	1	1	1	1
33	Is NPDES stormwater permit required for industrial areas?	No	1	1	1	1	1	1	1
34	Are voluntary water quality protection plans in place for each industrial area?	No	1	1	1	1	1	1	1
35	Are there livestock present?	Yes	1	0	1	0	0	1	0
36	Is there livestock confinement present?	Yes	1	0	1	0	0	1	0
37	Is each confined livestock facility registered with KDHE?	No	1	0	1	0	0	1	0
38	Are any row crops (corn, milo, soybeans) present?	Yes	0	0	1	1	0	1	0
39	Are water quality protection plans in use for each row crop production?	No	0	0	1	1	0	1	0
40	Are any orchards present?	Yes	0	0	0	0	0	1	0
41	Are water quality protection plans in use for each orchard?	No	0	0	0	0	0	1	0
42	Is there any small grain (wheat, oats, barley) production?	Yes	0	0	1	1	0	1	0
43	Are water quality protection plans in use for each small grain production?	No	0	0	1	1	0	1	0
44	Are there unsewered developments (concentrations of lagoons or septic systems) present in Zone B?	Yes	1	1	0	0	0	0	0
45	Is a general watershed water quality protection plan in use?	No	1	1	1	1	1	1	1
46	Are any point source discharges within 16 miles upstream of intake?	No	1	1	1	0	1	0	1
47	Is pretreatment required at any of the point sources?	Yes	1	1	1	1	1	0	1

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## **Site Comments:**

The Site Comments section lists all the comments that were added for the potential sources of contamination found in the assessment area.

Local comments and feedback from people that are familiar with the assessment area is an important aspect of the assessment. The comments greatly improve the assessment by adding detail to the sites that can be referenced for more information.

This local information may include comments on potential contamination threats (or lack there of), local water quality protection initiatives, etc. Adding comments are optional and are mainly focused on sources in areas that could have the greatest impact on water supply if a spill or release occurred in the environment. It is left to the discretion of the PWS and/or source water assessment committee to add comments.



# Site Comments

Public Water Supply: LACYGNE, CITY OF  
Assessment Area: 990

## Comments for Unregulated Sites

Potential Contaminant Site No.	Site Comments	Author
142219	The Location of the meat packing plant is not there. We do not have one at the location on the map	Sheila Dale
142219		Sheila Dale

## Comments for Regulated Confined Animal Feeding Operations Sites

Potential Contaminant Site Name	Site No.	Site Comments	Author
Litch Farms	2000882	livestock operation water quality plan unknown	Sheila Dale
Mickelson Farm	2000292	this livestock facility has no water quality protection plans	Sheila Dale

## Comments for Regulated Hazardous Waste Sites

Did Not Receive Any Comments
------------------------------

## Comments for Regulated Leaking Storage Tank Sites

Did Not Receive Any Comments

## Comments for Regulated Identified Contaminated Sites

Did Not Receive Any Comments

## Comments for Regulated Solid Waste Sites

Did Not Receive Any Comments

## Comments for Regulated Waste Water Sites

Potential Contaminant Site Name	Site No.	Site Comments	Author
HUNT MIDWEST – LYNDON QUARRY	6000767	This quarry is under special use permit and with the state and has water plans	Sheila Dale
MARTIN MARIETTA (MELVERN QUARRY)	6000768	This quarry has been closed and reclaimed	Sheila Dale
MELVERN MWTP	6001481	City of Mever is in the process of updating the lagoon system they have applied for a permit through the KS water pollution control permit and suthoriztion to discharge under the national pollutant discharge elimination system. T	Sheila Dale
MELVERN MWTP	6001481	Monitorin for ammonia and fecal coliform shall be conducted annuall during July, Aug, or Sept. and reported to KDHE with the discharge moitoring report	Sheila Dale
MELVERN MWTP	6001481	They have a 2 cell lagoon system, and are requesting to add an additional cell	Sheila Dale
USD #287 APPANOOSE ELEMENTARY	6001502	This facility uses nondischarging lagoons.	Nicole Fisher

Public Water Supply: **LACYGNE, CITY OF**  
Assessment Area: **990**  
Diversion Id's: **999**  
Status: **Accepted**  
Submit Date: **2003-01-03 14:44:43**

### **Added Site Comments:**

The Added Site Comments section lists the comments for why sites were added as a potential source of contamination found to the assessment area.

# Added Site Comments

Public Water Supply: LACYGNE, CITY OF  
Assessment Area: 990

## Comments for Added Contaminant Sites

Added Contaminant Site Name	Site No.	Site Comments	Author
Feed Lot	9001647	Permitted livestock operation ks:A-MCAN-COO1 Federal permit ks0097187	J. C. Bowman
Forestry	9001198	This is an important buffer to prevent contamination into the public water supply.	Nicole Fisher
Fuel, grain and feed and hay storage	9001143	This site could contaminate the public water supply.	Nicole Fisher
Fuel, grain, and feed and hay storage	9001269	This site could contaminate the public water supply.	Nicole Fisher
Grove of trees	9001018	This is an important buffer which helps to prevent contamination into the public water supply.	Nicole Fisher
cropland	9001017	This site could contaminate the public water supply.	Nicole Fisher
cropland	9001100	This site could contaminate the public water supply.	Nicole Fisher
cropland	9001139	This site could contaminate the public water supply.	Nicole Fisher
cropland	9001270	This site could contaminate the public water supply.	Nicole Fisher
discharging lagoons	9001196	This site could contaminate the public water supply.	Nicole Fisher

## Comments for Added Contaminant Sites

Added Contaminant Site Name	Site No.	Site Comments	Author
grove of trees	9001142	This is an important buffer to prevent contamination into the public water supply.	Nicole Fisher
non–discharging lagoons	9001268	This site could contaminate the public water supply.	Nicole Fisher
oil wells	9001197	This site could contaminate the public water supply.	Nicole Fisher
pastureland	9001099	This site could contaminate the public water supply.	Nicole Fisher
pastureland	9001140	This site could contaminate the public water supply.	Nicole Fisher
pastureland	9001205	This site could contaminate the public water supply.	Nicole Fisher

Public Water Supply: **LACYGNE, CITY OF**  
Assessment Area: **990**  
Diversion Id's: **999**  
Status: **Accepted**  
Submit Date: **2003-01-03 14:44:43**

## **Analysis Question Comments:**

The Analysis Question Comments section lists all the comments that were added during analysis portion of the assessment, in which a series of yes/no questions were asked.

Evaluators have the option to add comments to questions to clarify why a response was given or to give more details to a question. Local comments and feedback from people that are familiar with the assessment area is an important aspect of the assessment. The comments greatly improve the assessment by adding clarification and details that could not be identified with a simple yes or no response.

# Analysis Question Comments

Public Water Supply: **LACYGNE, CITY OF**  
Assessment Area: **990**

## Comments for Analysis Questions

Analysis Question	Question Comments	Author
Did Not Receive Any Comments		